

Exhibit B

H-3 AS-BUILT DRAWINGS FOR
EXISTING HUB CABINETS TO BE
REPLACED

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	XXX	2009	XX	XX



Jetsuo Horano Tunnel



Hub No. 2

Hub No. 13

Kanaloa Highway



Hub No. 8

Hub No. 1



Likeike Highway

Poi Highway

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

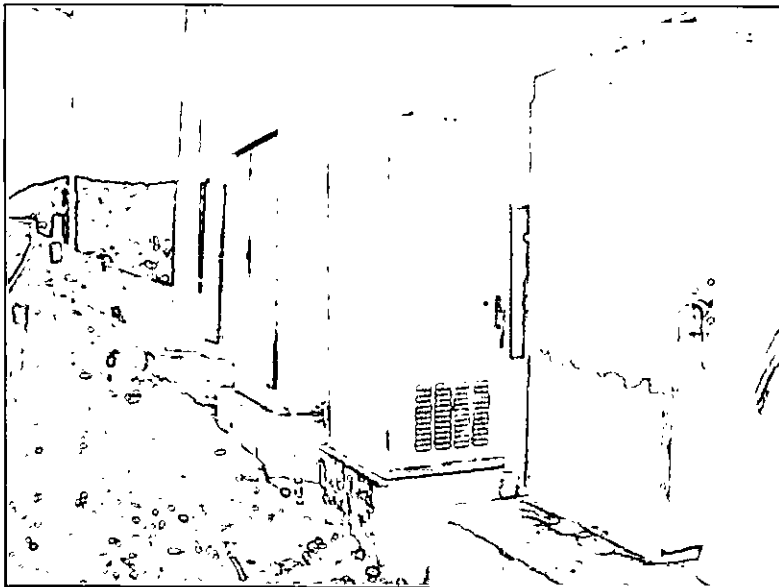
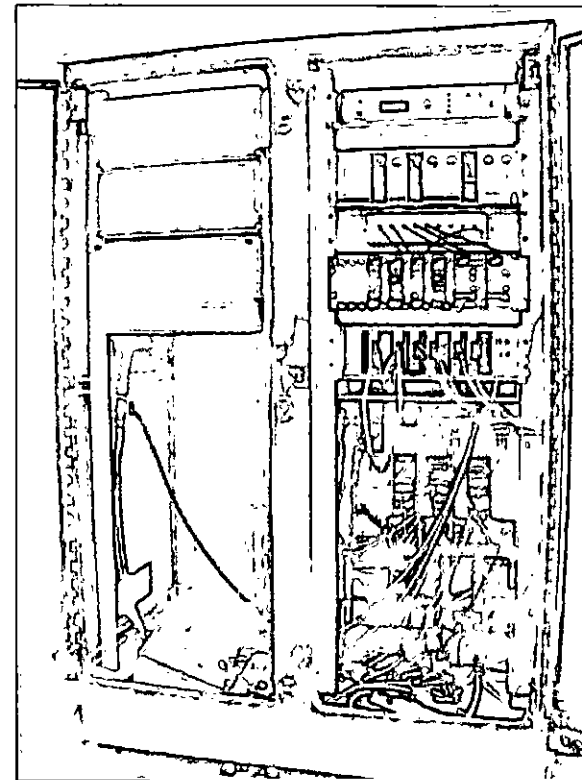
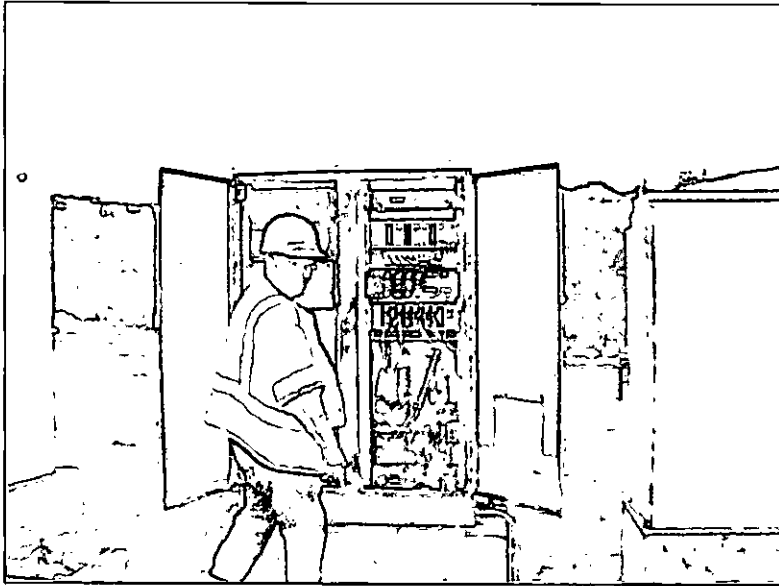
SITE PLAN

FAP NO. XXX

SCALE: NONE DATE: JULY 2009

SHEET No. E-XX OF XX SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	XXX	2009	XX	XX

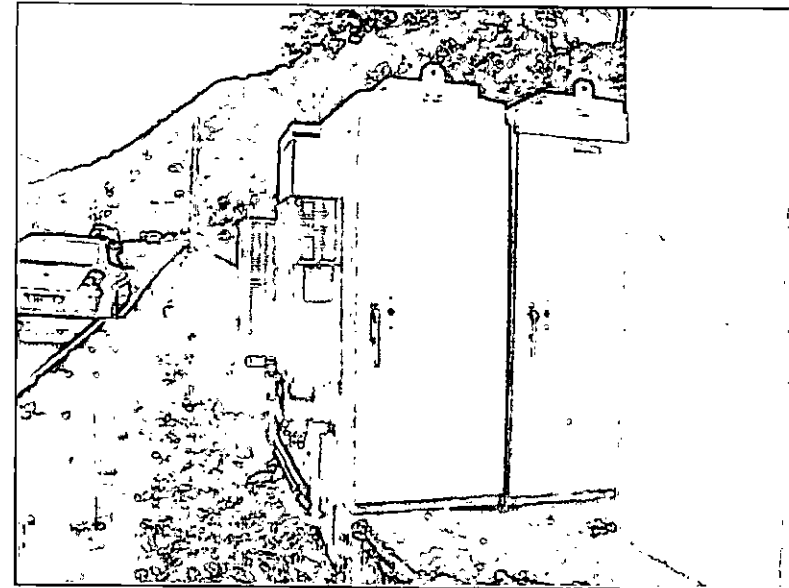
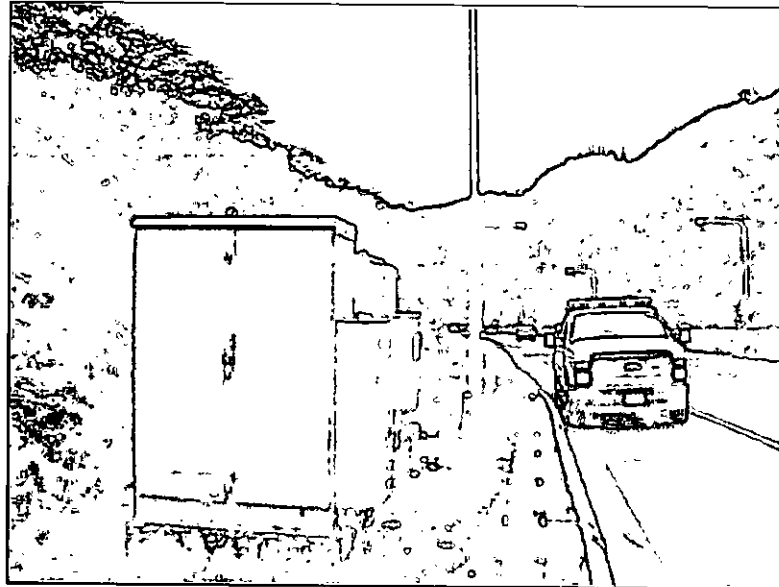


NOTES:
1. ELEVATION SHOWN OF CABINET INTERIOR IS TYPICAL FOR ALL HUBS

PICTURES 1 APPROACH HUB NO. 1
N.T.S.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
HUB NO. 1 PICTURES	
F.A.P. NO. XXX	
SCALE: NONE	DATE: JULY 2009
SHEET No. E-XX OF XX SHEETS	

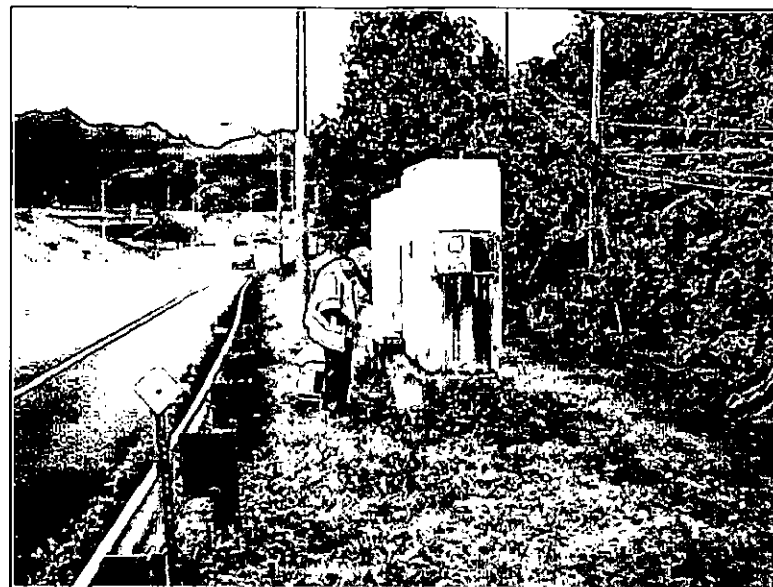
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	XXX	2009	XX	XX



PICTURES 1 APPROACH HUB NO. 2
RTS.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
HUB NO.2	
PICTURES	
XXX XXX XXX	
F.A.P. NO. XXX	
SCALE: NONE	DATE: DEC 2008
SHEET No. E-XX OF XX SHEETS	

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	XXX	2009	XX	XX



PICTURES 1 APPROACH HUB NO. 8
N.T.S.

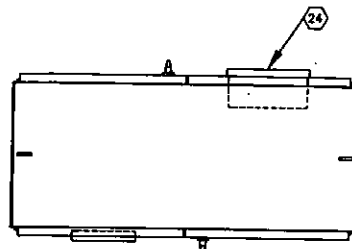
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
HUB NO. 8 PICTURES	
*** F.P. NO. XXX	
SCALE: NONE	DATE: JULY 2009

THE STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHEET No. E-XX OF XX SHEETS

Table 8: Hub cabinets to be replaced

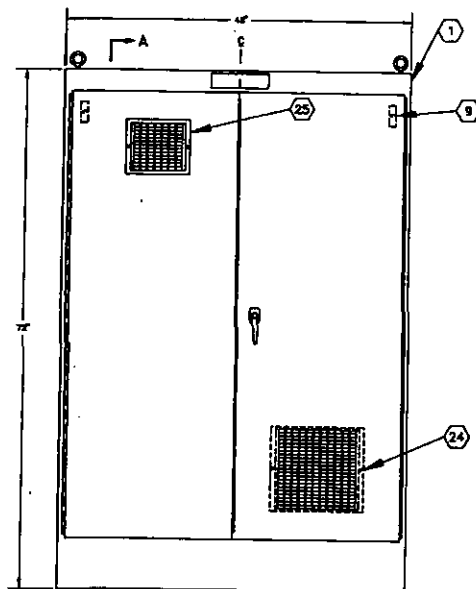
Hub No.	H-3 Hub Location	Rdwy, Tunnel, Bldg, Portal
1	Halawa OB Approach, station 342+60	Rdwy
2	Halawa IB Approach, station 475+60	Rdwy
8	Haiku OB Approach, station 11+60	Rdwy
13	Haiku IB Approach, station 1110+30	Rdwy



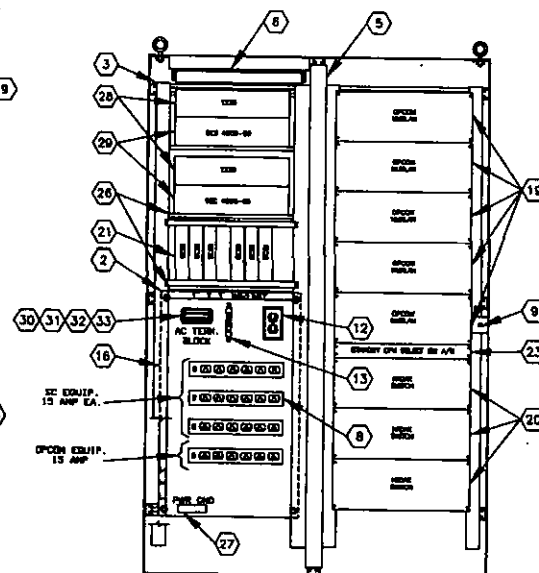
TOP VIEW

NAMEPLATE SCHEDULE						LOCATION	
NO.	QTY	1ST LINE DESCRIPTION	2ND LINE DESCRIPTION	TYPE	UNIT	BY	DATE
1	1	CONTROL CENTER	FRONT OF CASE 14				
2							
3							
4							
5							

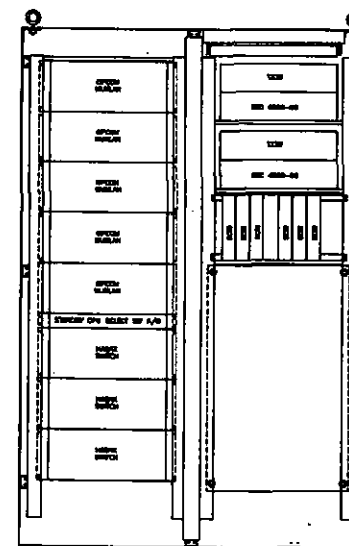
BILL OF MATERIAL				DESCRIPTION	
ITEM	QTY	MFR.	PART NO.		
1	1	HOFFMAN	A-70484F30AB	ENCLOSURE, 84X16X72, HDN 12	
2	1	HOFFMAN	A-70484F30AB	HALF PANEL	
3	2	HOFFMAN	A-70416TH	BACK MOUNTING ANGLE	
4	2	HOFFMAN	A-70416TH	CENTER PANEL SUPPORT	
5	1	HOFFMAN	A-70416TH	FLUORESCENT LIGHT STRIP, 18" LAMP	
6	1	HOFFMAN	A-70416TH	4 OUTLET POWER STRIP, 15 AMP	
7	1	HOFFMAN	A-70416TH	SEER SWITCH	
8	1	HOFFMAN	A-70416TH	SEER SWITCH	
9	1	HOFFMAN	A-70416TH	SEER SWITCH	
10	1	HOFFMAN	A-70416TH	SEER SWITCH	
11	1	HOFFMAN	A-70416TH	SEER SWITCH	
12	1	HOFFMAN	A-70416TH	SEER SWITCH	
13	1	HOFFMAN	A-70416TH	SEER SWITCH	
14	1	HOFFMAN	A-70416TH	SEER SWITCH	
15	1	HOFFMAN	A-70416TH	SEER SWITCH	
16	1	HOFFMAN	A-70416TH	SEER SWITCH	
17	1	HOFFMAN	A-70416TH	SEER SWITCH	
18	1	HOFFMAN	A-70416TH	SEER SWITCH	
19	1	HOFFMAN	A-70416TH	SEER SWITCH	
20	1	HOFFMAN	A-70416TH	SEER SWITCH	
21	1	HOFFMAN	A-70416TH	SEER SWITCH	
22	1	HOFFMAN	A-70416TH	SEER SWITCH	
23	1	HOFFMAN	A-70416TH	SEER SWITCH	
24	1	HOFFMAN	A-70416TH	SEER SWITCH	
25	1	HOFFMAN	A-70416TH	SEER SWITCH	
26	1	HOFFMAN	A-70416TH	SEER SWITCH	
27	1	HOFFMAN	A-70416TH	SEER SWITCH	
28	1	HOFFMAN	A-70416TH	SEER SWITCH	
29	1	HOFFMAN	A-70416TH	SEER SWITCH	
30	1	HOFFMAN	A-70416TH	SEER SWITCH	
31	1	HOFFMAN	A-70416TH	SEER SWITCH	
32	1	HOFFMAN	A-70416TH	SEER SWITCH	
33	1	HOFFMAN	A-70416TH	SEER SWITCH	
34	1	HOFFMAN	A-70416TH	SEER SWITCH	



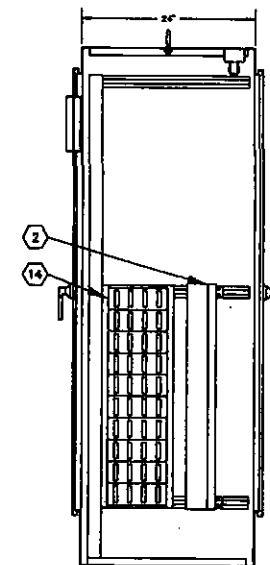
FRONT/REAR ELEVATION



FRONT SECTION VIEW



REAR SECTION VIEW



SECTION A-A

NOTES

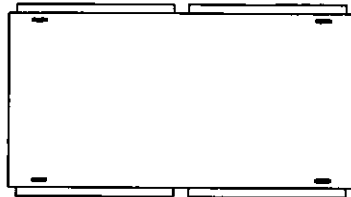
- FOR TI MODULE LOCATION REFER TO BLOCK DIAGRAM DRAWING: 3125-964-0002
- FOR POWER DISTRIBUTION WIRING DIAGRAM REFER TO DRAWING: 3125-964-2014
- SEE DWO 3125-964-3024 FOR (2 OF 2) OF SC & OPCOM CONTROL CENTER.

REV.	DATE	DESCRIPTION	BY	APP.	DATE	FILE	DATE
0	9-21-94	SHOP AS-BUILT	J.Z.	S.R.			
B	5-27-93	POWER STRIPS	G.N.	J.E.			
A	3-31-93	TB, SS, CB & PS	G.N.	J.E.			
REV.	DATE	DESCRIPTION	BY	APP.	DATE	FILE	DATE
					2-23-1993	964-3014	DATE: 01-19-95



H-3 TRANS-KOOLAU TUNNEL
SC & OPCOM (1 OF 2)
EQUIPMENT ELEVATION
CONTROL CENTER

JOB NO.	3125
CLIENT JOB NO.	
SCALE	1/16" = 1"
DRAWING NO.	3125-964-3014
SHEET OF 1	

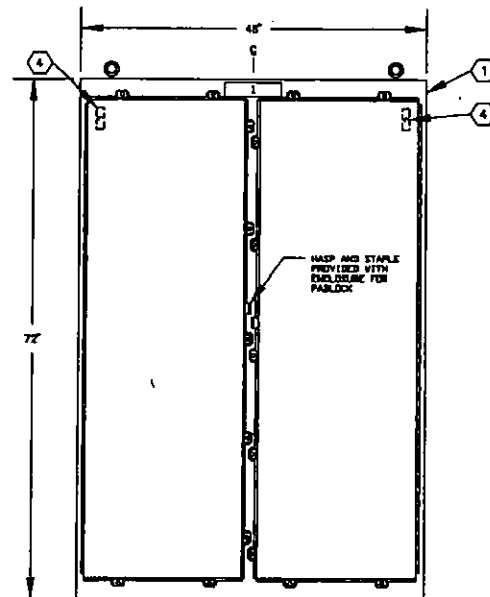


TOP VIEW

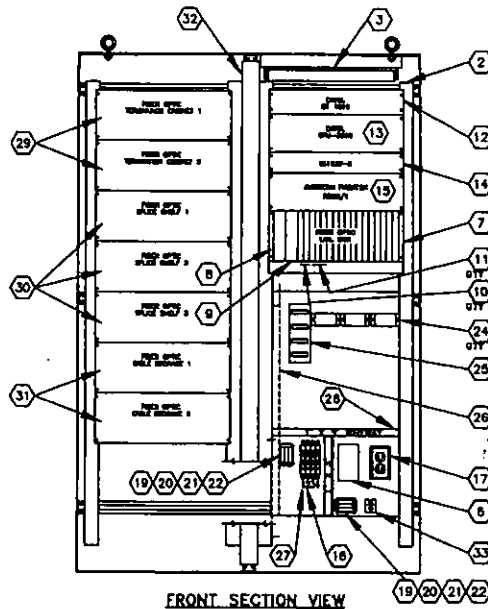
EQUIPMENT ELEVATION

NAMEPLATE SCHEDULE					
NO.	QTY	1ST LINE DESCRIPTION	2ND LINE DESCRIPTION	TYPE	SIZE
1	1	RELAY FOR APPROACH	FIBER OPTIC RELAY	1/2" x 1/2"	1/4" x 1/4"
2					
3					
4					
5					

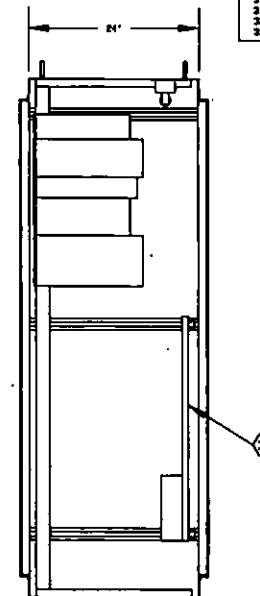
LOCATION	
NAME	
NO.	
DATE	



FRONT / BACK VIEW



FRONT SECTION VIEW



SIDE SECTION VIEW

BILL OF MATERIAL			
ITEM	QTY	REF.	DESCRIPTION
1	1	HOFFMAN	ENCLOSURE, 72x48x24, NOM. 4
2	1	HOFFMAN	SHOCK MTS. MOUNTS
3	1	HOFFMAN	FLUORESCENT LIGHT STRIP, 18" LAMP
4	1	HOFFMAN	DOOR SWITCH
5	1	SIEMENS	FIBER SPLICER CENTER
6	1	HOFFMAN	SPRING SUPPRESSOR
7	1	OPCON	CHASSIS, FIBER OPTIC LAN
8	1	OPCON	POWER SUPPLY
9	1	OPCON	FIBER OPTIC CONTROL CARD
10	1	OPCON	MODEM CARD
11	1	OPCON	PHONE CARD
12	1	CATL	OPTICAL TRANSDUCER
13	1	CATL	CONTROLLER
14	1	CATL	CONVERTER
15	1	FIBERTECH	MULTIPLUG 80
16	1	SIEMENS	CIRCUIT BREAKER, 15 AMP
17	1	TED	DUPLICATE RECEPTACLE
18			
19	A/R	ENTRELEC	148286-1E
20	1	ENTRELEC	115116-87
21	1	ENTRELEC	118286-16
22	1	ENTRELEC	123456-56
23	1	HOFFMAN	A78P8472
24	1	TRANSWYN	---
25	1	EAST	NS-3
26	1	SCANDIN	ACS-1
27	1	SIEMENS	600118
28	A/R	PARQUITT	TYPE C
29	1	SIEMENS	441-800-000
30	1	SIEMENS	443-800-000
31	1	HOFFMAN	A-78P8472
32	1	TRANSWYN	---

NOTES

- FOR POWER DISTRIBUTION WIRING DIAGRAM REFER TO DRAWING: 3125-964-2018

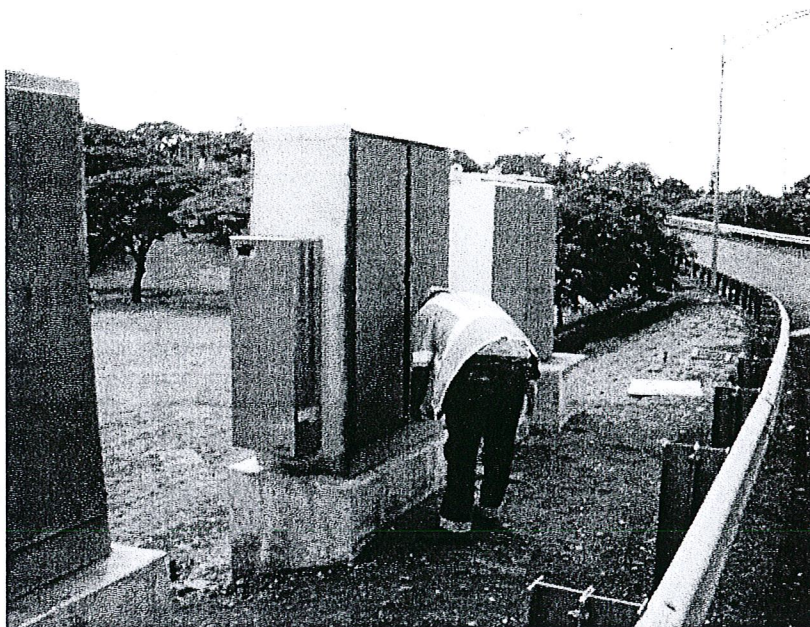
1	10/5/94	SHOP AS-BUILT	J.Z. CHA.	DRAWN BY	DAVID GREYER	APPR. BY	
C	5/27/93	SPLICE CABINETS	G.M. J.E.	DESIGN BY	JOHN EMMERS	APPR. BY	
H	3/21/93	DOOR & TEMP. CONTROL SW.	G.M. J.E.	CHECK BY	JOHN EMMERS	APPR. BY	
REV.	DATE	DESCRIPTION	BY	APP.	DATE: 2-23-1993	FILE: 964-3015 / DATE: 01-19-95	



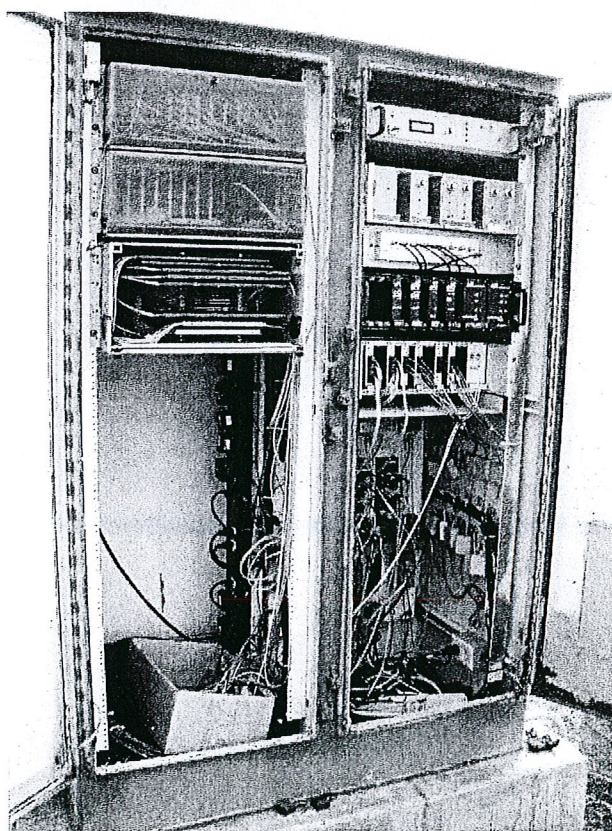
H-3 TRANS-KOOLAU TUNNEL
CCTV & OPCOM
EQUIPMENT ELEVATION
HALAWA FAR APPROACH

JOB NO.	3125
CLIENT JOB NO.	
SCALE	1/16" = 1"
SHT 1 OF 1	
DRAWING NO.	3125-964-3015

ADDITIONAL HUB PICTURES

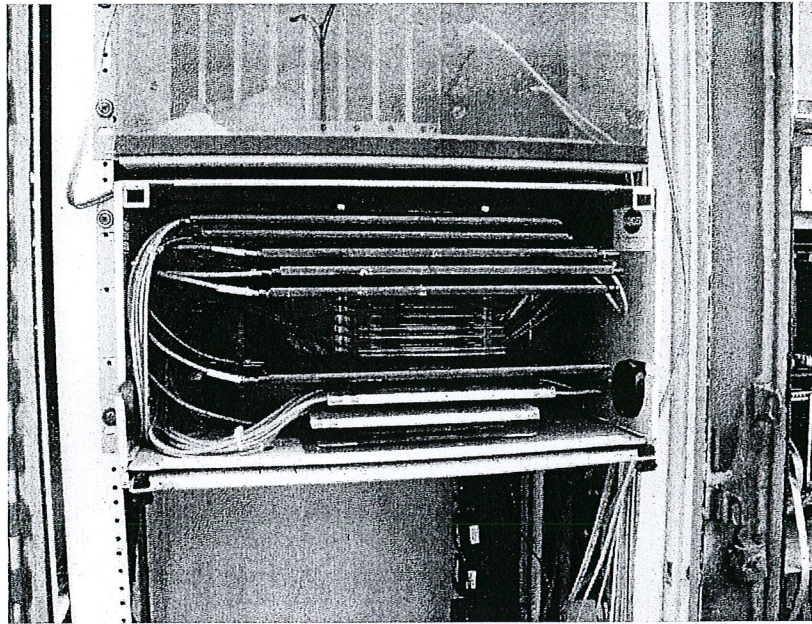


Hub No. 1 Exterior

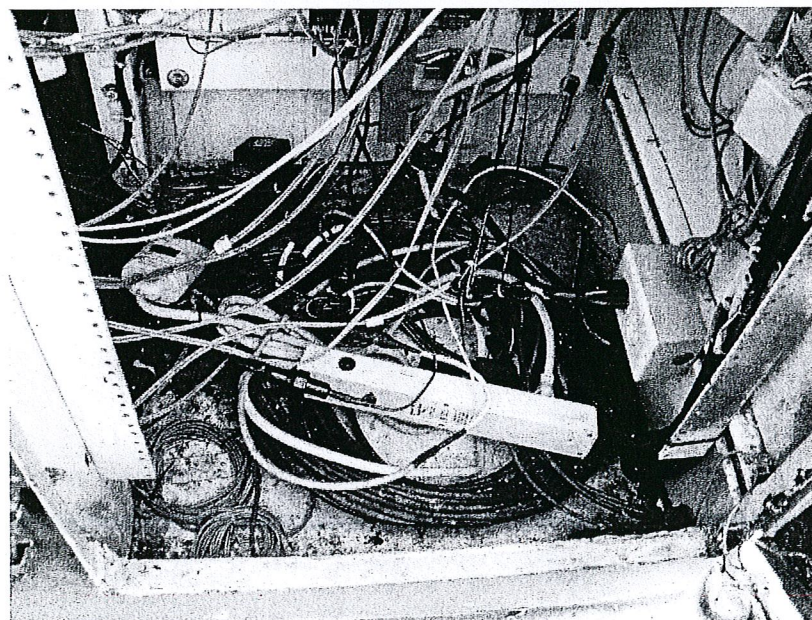


Hub No. 1 Interior

ADDITIONAL HUB PICTURES

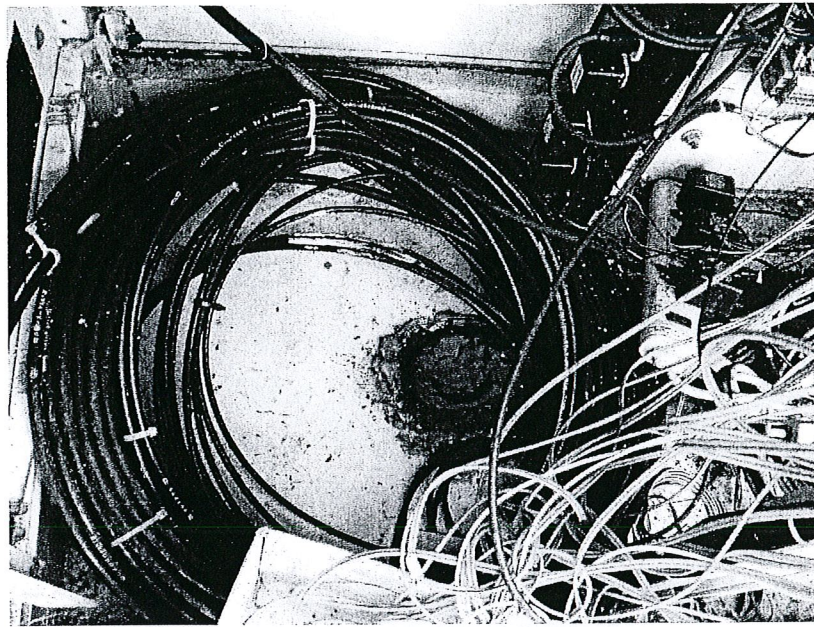


Hub No. 1 Splice Trays

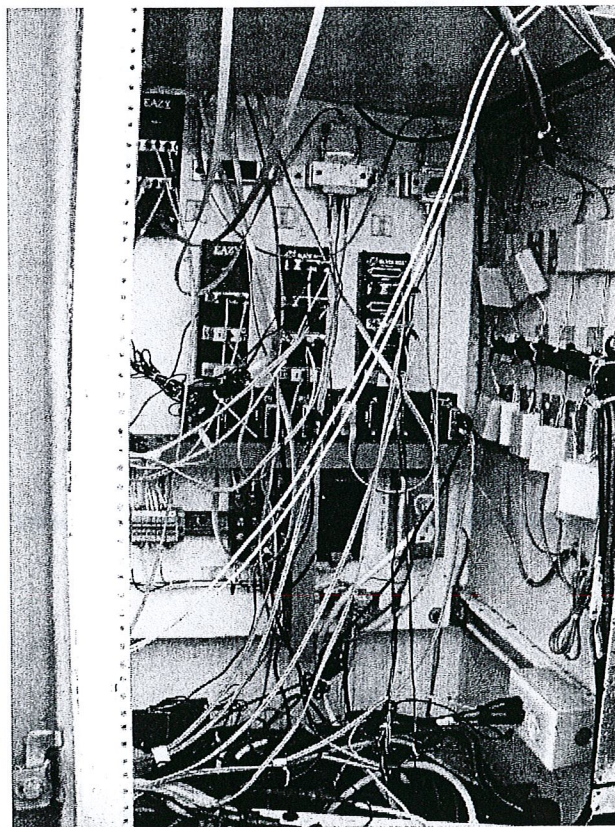


Hub No. 1 Cabinet Floor

ADDITIONAL HUB PICTURES

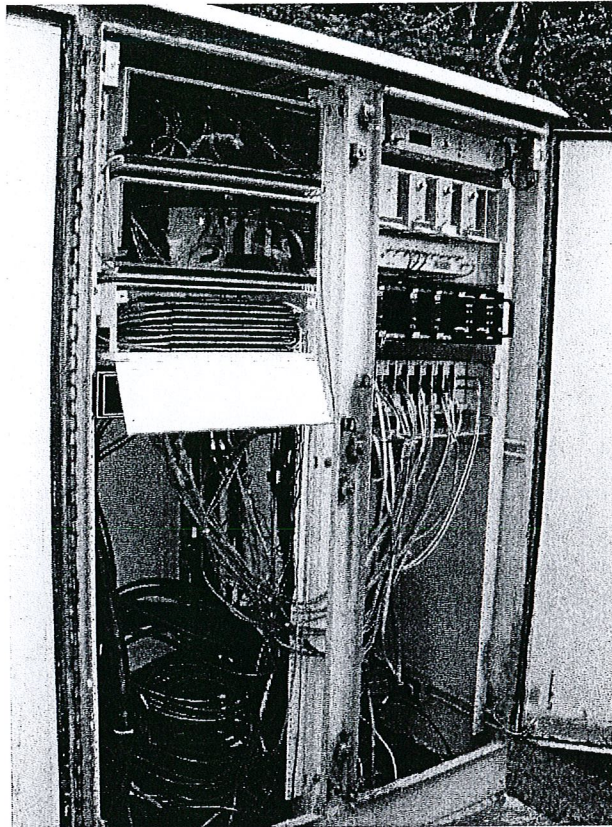


Hub No. 1 Cabinet Floor

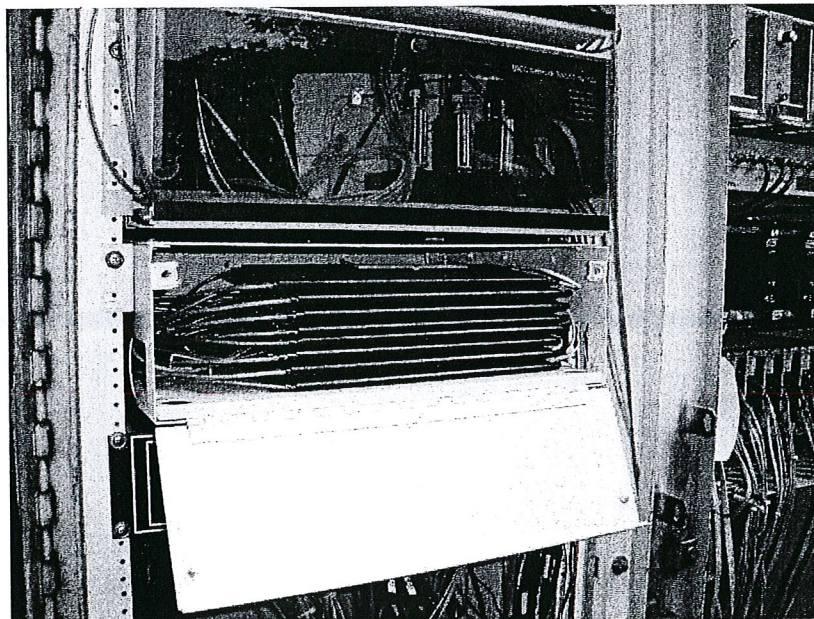


Hub No. 1 Interior

ADDITIONAL HUB PICTURES

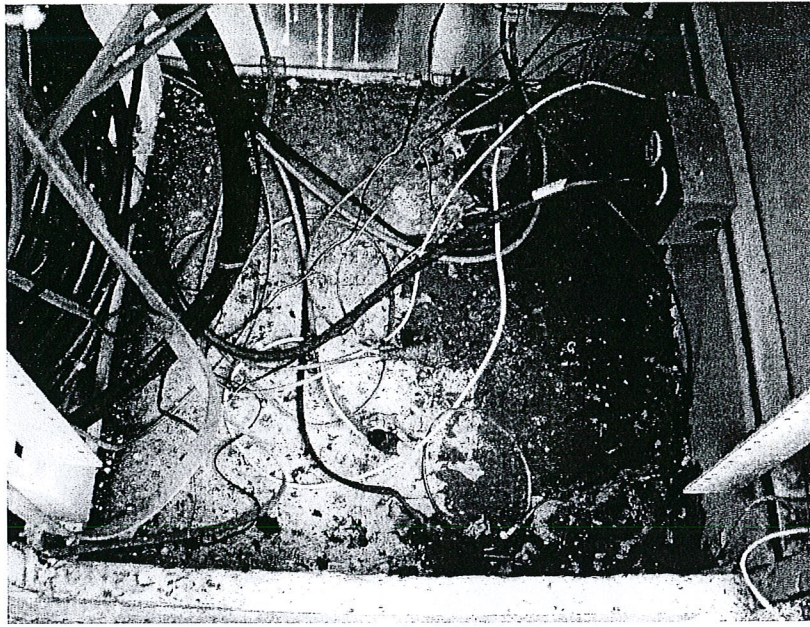


Hub No. 2 Interior

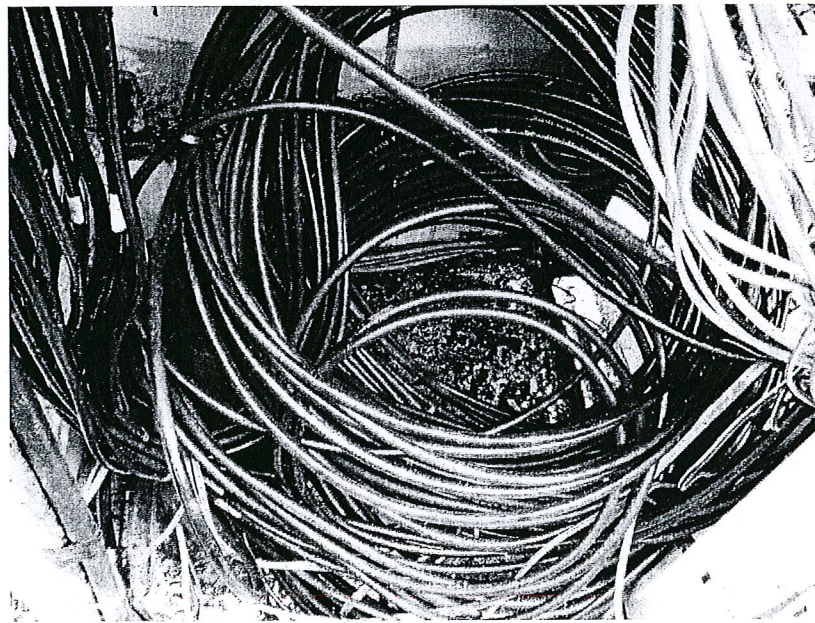


Hub No. 2 Splice Trays

ADDITIONAL HUB PICTURES

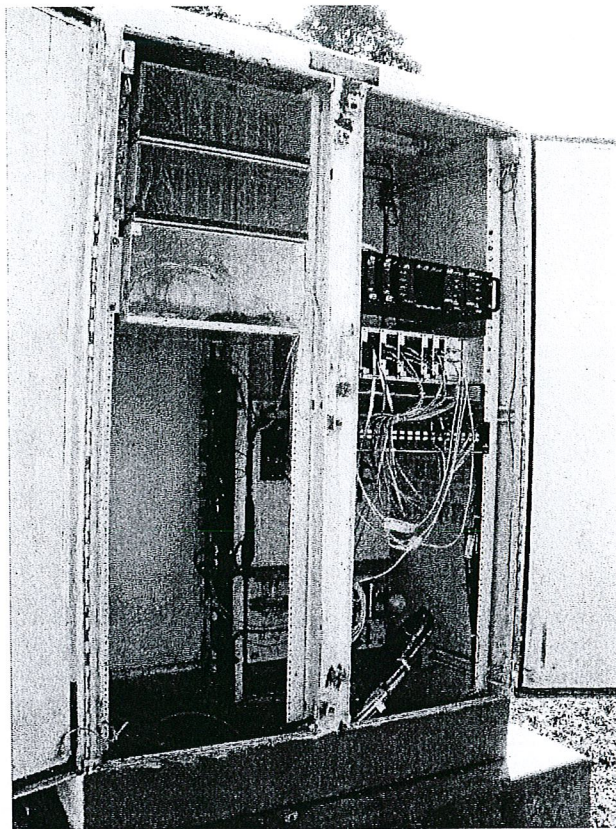


Hub No. 2 Cabinet Floor

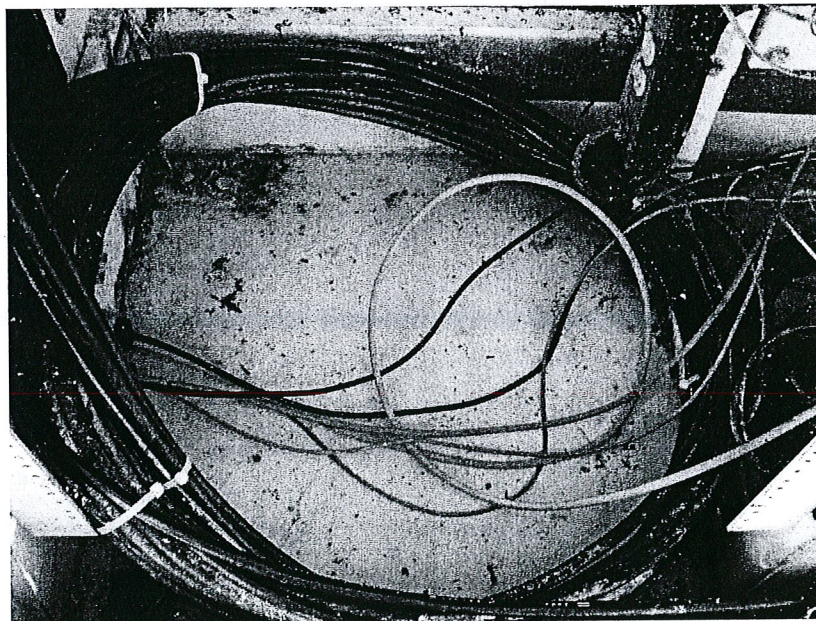


Hub No. 2 Cabinet Floor

ADDITIONAL HUB PICTURES

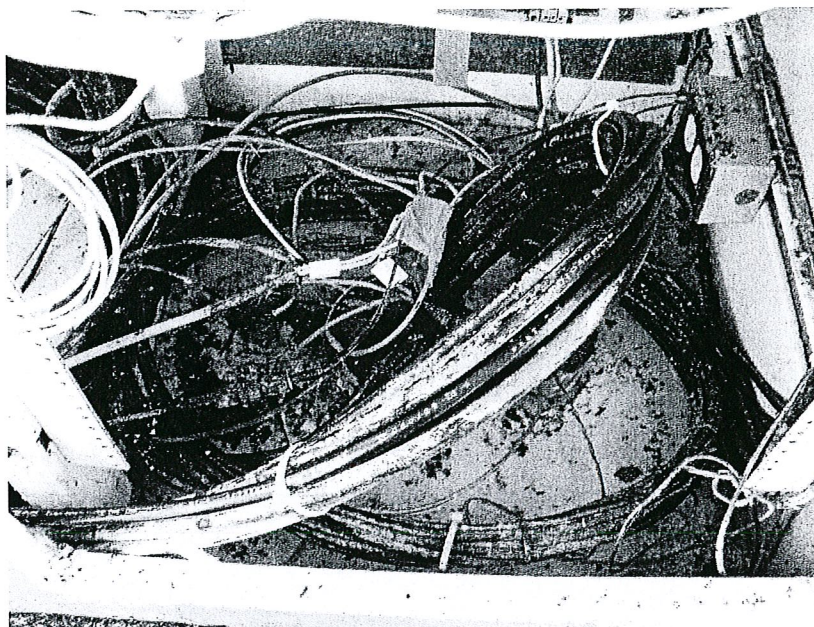


Hub No. 8 Interior

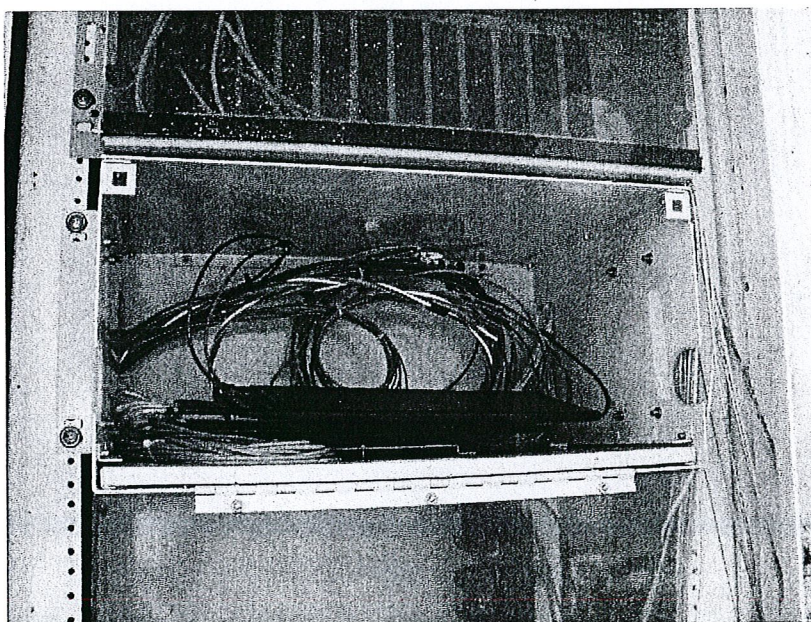


Hub No. 8 Cabinet Floor

ADDITIONAL HUB PICTURES

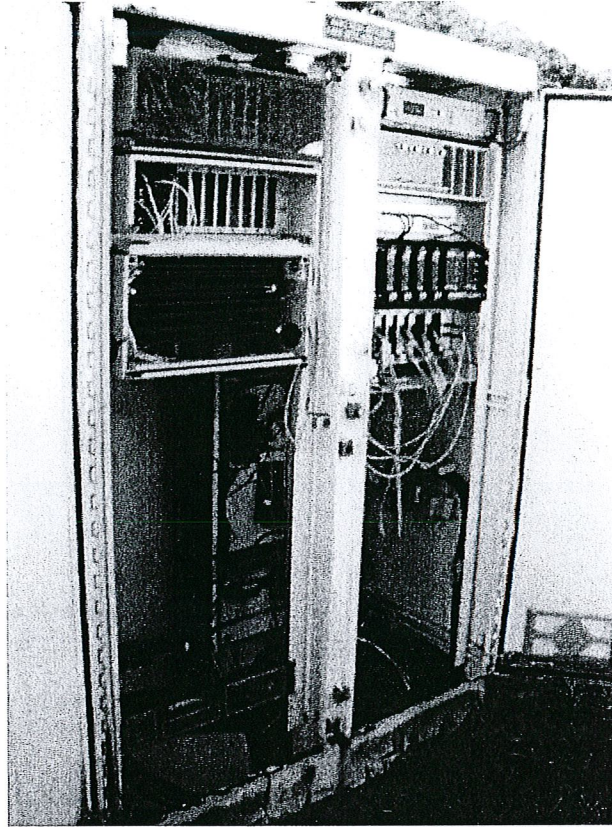


Hub No. 8 Cabinet Floor

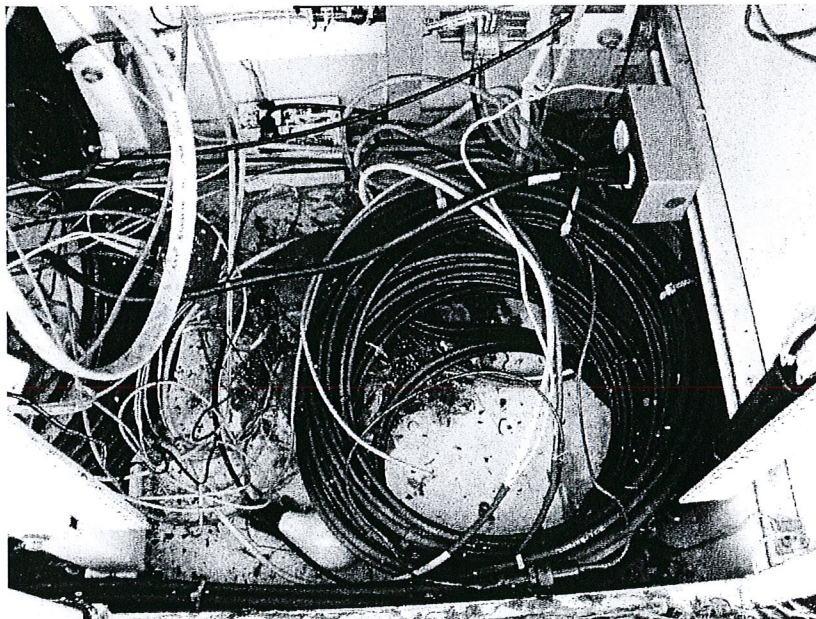


Hub No. 8 Splice Trays

ADDITIONAL HUB PICTURES

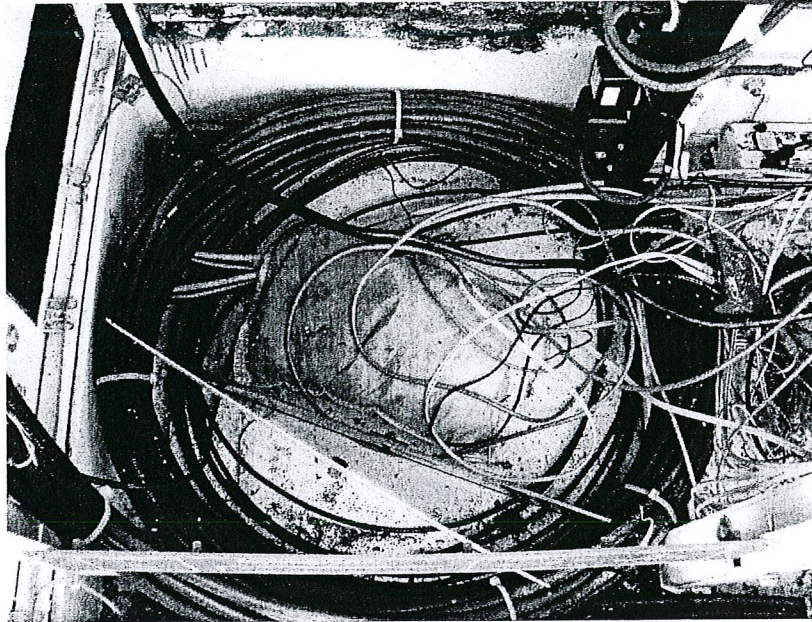


Hub No. 13 Interior

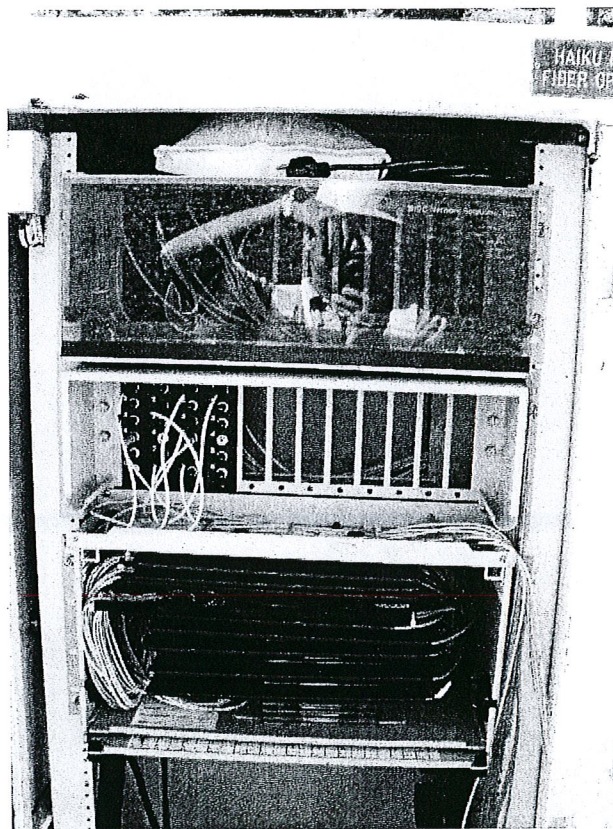


Hub No. 13 Cabinet Floor

ADDITIONAL HUB PICTURES



Hub No. 13 Cabinet Floor



Hub No. 13 Splice Trays